

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending April 6, 2008

SPRING'S STEADY, SLOW EMERGENCE

Agricultural Summary: Cold, wet weather conditions limited field work as Spring continued its slow emergence in Iowa. Gravel roads have yet to firm up, making grain and livestock hauling difficult.

There were 0.3 days suitable for fieldwork, compared to 0.9 days last year at this time. Topsoil moisture rated zero percent very short, 1 percent short, 61 percent adequate, and 38 percent surplus across the state. Subsoil moisture rated zero percent very short, 1 percent short, 71 percent adequate, and 28 percent surplus.

Field Crops Report: Oat seeding was 2 percent complete, behind last year's and the five year average of 8 percent and 27 percent, respectively. Fertilizer application, at 53 percent, was 3 percentage points behind last year and 4 percentage points behind the five-year average.

Livestock, Pasture and Range Report: Pasture and range condition rated 7 percent very poor, 18 percent poor, 41 percent fair, 32 percent good, and 2 percent excellent. Calving and lambing are still ongoing with no major problems reported.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

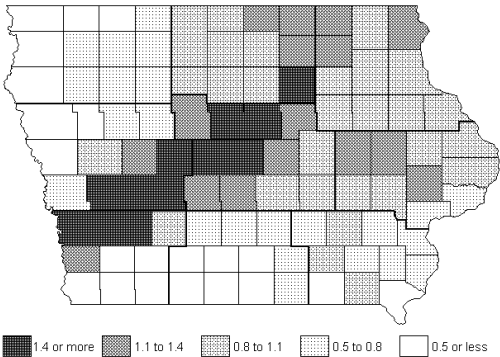
The past week brought wet weather and seasonal temperatures to Iowa. The work week began with precipitation falling statewide on Monday (31st). Rain fell over most of Iowa with snow in the far northwest and rain changing to snow across the northwest one-half of the state. Rain totals reached 2.1 inches at Story City and Ogden while 5.5 inches of snow fell at Ocheyedan. A little snow fell across northern Iowa on Tuesday (1st) morning with a few tenths of an inch of accumulation over the far north. Wednesday (2nd) brought dry weather while rain fell across the southeast two-thirds of the state on Thursday (3rd). The rain changed to snow across parts of central Iowa with a few inches of accumulation in a narrow band from Atlantic to Dubuque. Welcome dry weather prevailed on Friday (4th) and Saturday (5th) with light rain falling over parts of the state on Sunday (6th). Precipitation totals for the week ranged from 0.11 inches at Rock Valley in the far northwest to 2.62 inches at Atlantic. The statewide average precipitation was 0.89 inches while normal for the week is 0.69 inches. As is typical of springtime in Iowa temperatures were highly variable. Highs on Monday (31st) ranged from the mid 30's northwest to low 70's southeast. Tuesday (1st) was the coldest day in most areas with highs mostly in the 40's. Saturday (5th) was the warmest day over most of Iowa with highs in the 60's. Temperature extremes for the week varied from a Monday (31st) afternoon high of 71 degrees at Keosauqua to Wednesday (2nd) morning lows of 17 degrees at Cresco and Elkader. Temperatures for the week as a whole averaged one-half degree colder than normal. Soil temperatures as of Sunday (6th) were generally averaging in the mid 40's across Iowa.

Statewide Crop Conditions as of April 6, 2008

| Item | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Range & Pasture | 7 | 18 | 41 | 32 | 2 |

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MON., APR. 7, 2008 (inches)



Field Work and Crop Progress as of April 6, 2008

| Item | Districts | | | | | | | | | State | Last Week | Last Year | Normal |
|----------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|---------|
| | NW | NC | NE | WC | C | EC | SW | SC | SE | | | | |
| | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent |
| Fertilizer application completed | 54 | 62 | 38 | 54 | 63 | 50 | 45 | 49 | 49 | 53 | NA | 56 | 57 |

Days Suitable & Soil Moisture Condition as of April 6, 2008

| Item | Districts | | | | | | | | | State | Last Week | Last Year |
|------------------|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|
| | NW | NC | NE | WC | C | EC | SW | SC | SE | | | |
| Days suitable | Days | Days | Days | Days | Days | Days | Days | Days | Days | Days | Days | Days |
| | 0.3 | 0.0 | 0.2 | 0.3 | 0.4 | 0.3 | 0.4 | 0.5 | 0.8 | 0.3 | NA | 0.9 |
| Topsoil moisture | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent |
| | Very short | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | NA | 0 |
| | Short | 0 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 0 | 1 | NA |
| | Adequate | 79 | 60 | 59 | 71 | 56 | 61 | 65 | 35 | 58 | 61 | NA |
| | Surplus | 21 | 40 | 40 | 29 | 44 | 38 | 29 | 65 | 42 | 38 | NA |
| | | | | | | | | | | | | |
| Subsoil moisture | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent |
| | Very short | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NA | 0 |
| | Short | 0 | 0 | 0 | 2 | 0 | 1 | 10 | 0 | 2 | 1 | NA |
| | Adequate | 79 | 74 | 67 | 75 | 67 | 70 | 73 | 66 | 62 | 71 | NA |
| | Surplus | 21 | 26 | 33 | 23 | 33 | 29 | 17 | 34 | 36 | 28 | NA |
| | | | | | | | | | | | | |

| Weather Summary for National Agricultural Statistics Service, Iowa Field Office For the week ending: Sunday, April 6, 2008, Prepared by AWIS, Inc. | | | | | | | | | | |
|---|---------------------|----|-----|-----|---------------|-------|---------------|-------|--------------|-----|
| STATION | CURRENT WEEK | | | | | | SINCE APRIL 1 | | CURRENT WEEK | |
| | TEMPERATURE | | | | PRECIPITATION | | PRECIPITATION | | GDD BASE 50F | |
| | HI | LO | AVG | DFN | TOTAL | DFN | TOTAL | DFN | TOTAL | DFN |
| | North West District | | | | | | | | | |
| Estherville | 66 | 26 | 41 | 2 | 0.75 | 0.16 | 0.75 | 0.24 | 3 | 3 |
| Sioux Center | 68 | 26 | 42 | -2 | 0.49 | -0.05 | 0.02 | -0.45 | 5 | -7 |
| Spencer | 67 | 26 | 41 | -2 | 0.40 | -0.16 | 0.38 | -0.10 | 4 | -3 |
| Spirit Lake | 66 | 21 | 40 | 2 | 0.18 | -0.35 | 0.00 | -0.46 | 1 | -11 |
| North Central District | | | | | | | | | | |
| Britt | 64 | 24 | 39 | -4 | 0.81 | 0.20 | 0.81 | 0.28 | 0 | -7 |
| Humboldt | 66 | 25 | 40 | -4 | 0.92 | 0.29 | 0.88 | 0.34 | 2 | -5 |
| Mason City | 65 | 20 | 41 | 0 | 1.04 | 0.43 | 1.04 | 0.51 | 3 | -4 |
| Osage | 64 | 22 | 39 | -3 | 1.32 | 0.64 | 1.32 | 0.73 | 4 | -8 |
| North East District | | | | | | | | | | |
| Decorah | 66 | 18 | 43 | 1 | 1.07 | 0.37 | 0.09 | -0.52 | 7 | 0 |
| Dubuque | 62 | 24 | 42 | 0 | 1.39 | 0.57 | 1.09 | 0.38 | 2 | -5 |
| Elkader | 66 | 17 | 42 | -2 | 0.86 | 0.20 | 0.77 | 0.20 | 3 | -13 |
| Fayette | 63 | 21 | 39 | -4 | 1.05 | 0.38 | 1.05 | 0.47 | 1 | -6 |
| Waterloo | 65 | 19 | 42 | -1 | 0.84 | 0.15 | 0.81 | 0.21 | 5 | -2 |
| West Central District | | | | | | | | | | |
| Carroll | 65 | 25 | 41 | -3 | 1.67 | 0.98 | 1.22 | 0.62 | 3 | -5 |
| Castana | 68 | 26 | 41 | -5 | 0.82 | 0.26 | 0.49 | 0.01 | 5 | -2 |
| Guthrie Center | 64 | 21 | 41 | -5 | 2.09 | 1.39 | 1.03 | 0.43 | 4 | -10 |
| Harlan | 65 | 26 | 41 | -6 | 1.84 | 1.21 | 1.38 | 0.84 | 1 | -8 |
| Jefferson | 65 | 26 | 42 | -2 | 1.94 | 1.25 | 1.63 | 1.03 | 5 | -3 |
| Logan | 65 | 25 | 41 | -5 | 1.59 | 1.01 | 0.67 | 0.17 | 4 | -10 |
| Rockwell City | 66 | 25 | 41 | -4 | 1.10 | 0.54 | 0.85 | 0.37 | 3 | -10 |
| Sac City | 67 | 25 | 41 | -2 | 0.74 | 0.11 | 0.74 | 0.20 | 3 | -4 |
| Sioux City | 69 | 25 | 42 | -4 | 0.63 | 0.14 | 0.43 | 0.01 | 8 | -6 |
| Central District | | | | | | | | | | |
| Boone | 64 | 24 | 41 | -4 | 2.20 | 1.50 | 1.81 | 1.21 | 3 | -7 |
| Des Moines | 64 | 28 | 45 | -2 | 1.26 | 0.53 | 0.92 | 0.29 | 6 | -8 |
| Grundy Center | 65 | 23 | 41 | -2 | 0.99 | 0.33 | 0.97 | 0.40 | 2 | -5 |
| Marshalltown | 63 | 22 | 42 | -2 | 1.11 | 0.41 | 1.06 | 0.46 | 3 | -4 |
| Newton | 63 | 24 | 42 | -4 | 0.98 | 0.31 | 0.94 | 0.36 | 2 | -12 |
| Perry | 64 | 24 | 41 | -3 | 1.57 | 0.93 | 1.45 | 0.90 | 3 | -4 |
| Toledo | 63 | 24 | 41 | -3 | 0.91 | 0.24 | 0.87 | 0.29 | 2 | -5 |
| East Central District | | | | | | | | | | |
| Cedar Rapids | 64 | 23 | 44 | 0 | 1.28 | 0.58 | 0.92 | 0.32 | 4 | -4 |
| Davenport | 67 | 25 | 46 | 1 | 0.85 | 0.14 | 0.53 | -0.08 | 3 | -9 |
| Iowa City | 69 | 24 | 46 | -2 | 1.18 | 0.40 | 1.03 | 0.36 | 5 | -10 |
| Lowden | 67 | 21 | 43 | -2 | 1.45 | 0.65 | 1.10 | 0.41 | 0 | -10 |
| Maquoketa | 64 | 23 | 42 | -3 | 1.18 | 0.48 | 0.86 | 0.26 | 0 | -7 |
| Muscatine | 67 | 28 | 45 | -3 | 0.67 | -0.10 | 0.67 | 0.01 | 2 | -5 |
| South West District | | | | | | | | | | |
| Atlantic | 65 | 25 | 45 | 0 | 2.63 | 2.00 | 0.93 | 0.39 | 7 | -1 |
| Clarinda | 63 | 25 | 43 | -3 | 0.57 | -0.13 | 0.26 | -0.34 | 0 | -10 |
| Glenwood | 66 | 28 | 43 | -4 | 2.19 | 1.62 | 1.16 | 0.67 | 4 | -10 |
| Red Oak | 64 | 28 | 44 | -5 | 0.99 | 0.27 | 0.35 | -0.27 | 2 | -15 |
| Sidney | 64 | 29 | 43 | -5 | 0.76 | 0.10 | 0.39 | -0.18 | 0 | -14 |
| South Central District | | | | | | | | | | |
| Allerton | 64 | 27 | 44 | -2 | 1.61 | 0.91 | 0.58 | -0.02 | 1 | 0 |
| Beaconsfield | 61 | 28 | 43 | -3 | 0.95 | 0.25 | 0.35 | -0.25 | 0 | -13 |
| Chariton | 69 | 22 | 43 | -3 | 0.74 | -0.01 | 0.32 | -0.33 | 2 | -12 |
| Indianola | 64 | 25 | 42 | -4 | 0.37 | -0.37 | 0.30 | -0.34 | 3 | -11 |
| Leon | 70 | 24 | 44 | -1 | 0.77 | 0.05 | 0.22 | -0.40 | 4 | -9 |
| South East District | | | | | | | | | | |
| Bloomfield | 67 | 30 | 45 | -4 | 0.44 | -0.32 | 0.37 | -0.29 | 2 | -18 |
| Burlington | 67 | 27 | 47 | -2 | 0.55 | -0.22 | 0.52 | -0.14 | 6 | -10 |
| Ottumwa | 70 | 27 | 46 | -2 | 1.01 | 0.31 | 0.93 | 0.33 | 7 | -8 |
| Washington | 69 | 25 | 45 | -4 | 0.76 | 0.06 | 0.61 | 0.01 | 3 | -4 |

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2008: AWIS, Inc. All Rights Reserved.

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